

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OPTICAL PICKUP APPARATUS, RECORDING/REPRODUCING APPARATUS PROVIDED WITH THE OPTICAL PICKUP APPARATUS, OPTICAL ELEMENT, AND INFORMATION RECORDING/REPRODUCING METHOD**

the specification of which is attached.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>COUNTRY</u>	<u>APPLICATION NO.</u>	<u>FILING DATE</u>
JAPAN	015010/1999	January 22, 1999
JAPAN	041925/1999	February 19, 1999
JAPAN	095347/1999	April 1, 1999
JAPAN	097480/1999	April 5, 1999
JAPAN	257466/1999	September 10, 1999
JAPAN	312701/1999	November 2, 1999

I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Finnegan, Henderson, Farabow, Garrett and Dunner, Reg. No. 22,540; Douglas B. Henderson, Reg. No. 20,291; Ford. F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilly, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Robert J. Gaybrick, Reg. No. 27,890; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; John C. Paul, Reg. No. 30,413; Roger D. Taylor, Reg. No. 28,992; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; and ..... Please address all correspondence to FINNEGAN, HENDERSON, FARABOW, GARRETT AND DUNNER, 1300 I Street, N.W., Washington, D.C. 20005, Telephone No. (202) 408-4000.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR; SIGNATURE	DATE	RESIDENCE AND POST OFFICE ADDRESS
Sign: <i>Norikazu Arai</i> Type: Norikazu ARAI	Date: <i>December 20, 1999</i> Citizen of: Japan	c/o Konica Corporation 2970 Ishikawa-cho, Hachioji-shi, Tokyo, Japan
Sign: <i>Toshiyuki Kojima</i> Type: Toshiyuki KOJIMA	Date: <i>December 20, 1999</i> Citizen of: Japan	c/o Konica Corporation 2970 Ishikawa-cho, Hachioji-shi, Tokyo, Japan
Sign: <i>Toshihiko Kiriki</i> Type: Toshihiko KIRIKI	Date: <i>December 20, 1999</i> Citizen of: Japan	c/o Konica Corporation 2970 Ishikawa-cho, Hachioji-shi, Tokyo, Japan
Sign: <i>Kohei Ota</i> Type: Kohei OTA	Date: <i>December 20, 1999</i> Citizen of: Japan	c/o Konica Corporation 2970 Ishikawa-cho, Hachioji-shi, Tokyo, Japan
Sign: <i>Shinichiro Saito</i> Type: Shinichiro SAITO	Date: <i>December 20, 1999</i> Citizen of: Japan	c/o Konica Corporation 2970 Ishikawa-cho, Hachioji-shi, Tokyo, Japan



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 14, 2000

PTAS

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.  
MR. ERNEST F. CHAPMAN  
1300 I STREET, N.W.  
WASHINGTON, DC 20005-3315



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2860-0637

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/20/2000

REEL/FRAME: 010529/0243  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ARAI, NORIKAZU

DOC DATE: 12/20/1999

ASSIGNOR:

KOJIMA, TOSHIYUKI

DOC DATE: 12/20/1999

ASSIGNOR:

KIRIKI, TOSHIHIKO

DOC DATE: 12/20/1999

ASSIGNOR:

OTA, KOHEI

DOC DATE: 12/20/1999

ASSIGNOR:

SAITO, SHINICHIRO

DOC DATE: 12/20/1999

ASSIGNEE:

KONICA CORPORATION  
26-2 NISHISHINJUKU 1-CHOME,  
SHINJUKU-KU  
TOKYO, 163, JAPAN

**RECEIVED**

APR 14 2000

FINNEGAN, HENDERSON, FARABOW,  
GARRETT AND DUNNER, LLP

APR 20 2000

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*4/19*  
*DS*

010529/0243 PAGE 2

SERIAL NUMBER: 09487928  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

02-09-2000

FORM PTO-1594  
1-31-92

1.20.00

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 02860.0637

101266399

To the Honorable Commissioner of Patents :  
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):

(1) Norikazu Arai (4) Kohei Ota  
(2) Toshiyuki Kojima (5) Shinichiro Saito  
(3) Toshihiko KirikiAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Konica Corporation

Internal Address:

Street Address: 26-2 Nishishinjuku 1-chome, Shinjuku-ku,  
Tokyo, 163 Japan

City:

State:

Zip Code:

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name

Other

Execution Date: All December 20, 1999

Additional name(s) &amp; Address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: December 20, 1999

A. Patent Application Number(s):

1.20.00

B. Patent Number(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mr. Ernest F. Chapman

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT  
& DUNNER, L.L.P.6. Total number of applications and registrations involved:  
1

7. Total fee (37 CFR 3.41): \$40

☒

Enclosed (Please charge deficiency to deposit account)

☐

Authorized to be charged to deposit account

Street Address: 1300 K Street, N.W.

City: Washington

State: DC

Zip:

20005-3315

8. Deposit account number: 06-0916

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David W. Hill

Reg. No. 28,220

Signature

ERNEST F. CHAPMAN

January 20, 2000

Date

Total number of pages including cover sheet, attachments and documents: 2

## Assignment

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: OPTICAL PICKUP APPARATUS, RECORDING/REPRODUCING APPARATUS PROVIDED WITH THE OPTICAL PICKUP APPARATUS, OPTICAL ELEMENT, AND INFORMATION RECORDING/REPRODUCING METHOD

United States Letters Patent on \_\_\_\_\_, 19\_\_\_\_ (Serial No. \_\_\_\_\_); and

WHEREAS, Konica Corporation, a corporation of Japan whose post office address is 26-2 Nishishinjuku 1-chome, Shinjuku-ku, Tokyo, 163, Japan, is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

INVENTOR; SIGNATURE	DATE	RESIDENCE AND POST OFFICE ADDRESS
Sign: <i>Norikazu Arai</i> Type: Norikazu ARAI	Date: <i>December 20, 1999</i> Citizen of: Japan	c/o Konica Corporation 2970 Ishikawa-cho, Hachioji-shi, Tokyo, Japan
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Sign: <i>Kohei Ota</i> Type: Kohei OTA	Date: <i>December 20, 1999</i> Citizen of: Japan	c/o Konica Corporation 2970 Ishikawa-cho, Hachioji-shi, Tokyo, Japan
Sign: <i>Shinichiro Saito</i> Type: Shinichiro SAITO	Date: <i>December 20, 1999</i> Citizen of: Japan	c/o Konica Corporation 2970 Ishikawa-cho, Hachioji-shi, Tokyo, Japan